Jetpower Four Season Fuel

Compatibility:

Jetboil is compatible with valves made to the EN417 specification, a standard adopted by manufacturers throughout the world. Please note that the product has not been tested with every different brand fuel canister, and we cannot make any performance or safety claims with any canister other than our Jetpower brand of fuel.

Other manufacturers of this kind of canister include Primus, MSR (IsoPro), Coleman (not Powermax canisters or the large green Propane canisters), Brunton & Snowpeak (GigaPower).

Ignition:

End users should always light the burner before placing the cup onto the burner. Sometimes a brand new fuel canister can induce some liquid into the valve, and if the cooking cup is attached to the base when the stove is lit, the resulting "poof" of flame will shoot out the exhaust vents. While this may not be terribly dangerous in itself, it can be quite frightening/surprising to the unaware. A similar situation can arise if the user is slow to press the piezo igniter and a quality of gas builds up below the cooking cup.

When liquid fuel enters the stove, it causes large "poofs" of flame (Flares) to come from the burner. To prevent liquid from entering the stove, never tilt or move the stove while it's lit.

Cold weather:

Output pressure in any canister stove is governed by the temperature of the gas inside the canister. As temperature drops, so does pressure. When temperatures drop below freezing, canisters typically need to be kept warm in a coat pocket or sleeping bag so they're ready to use. Insulating the canister by not setting it on a cold surface also helps.

Jetpower Four Season Mixture pictured:

100g

230g

450g

Components of gases in a canister:

Propane
Helps cold weather performance, has higher partial pressure and lower boiling point than either Iso- or N- Butane. This is used to maintain pressure over the life of the canister and help with cold weather performance. More propane equals better performance.

N Butane
Common, “ordinary” butane. Lower partial pressure than ISO-Butane. Not a main component used in Jetpower fuel. Less expensive.

ISO Butane
The expensive part of the mix! One of two common forms of Butane. Has higher partial pressure than N-Butane. The difference is in the molecular structure and the alignment of Carbon atoms. ISO Butane helps with cold weather performance and allows superior constant performance of the gas for the full life of the canister. Burns cleaner to help reduce jet clogs.

JETPOWER Mix (100g, 230g and 450g sizes):
25% Propane
72% ISO Butane
3% N Butane

100gm:
Net weight 100g
Canister weight alone: 90g
Gross weight: 190g

230gm:
Net Weight: 230g
Canister weight alone: 120g
Gross Weight: 365g

450gm:
Net Weight: 450g
Canister weight alone: 190g
Gross Weight: 645g

Recycling:
Jetpower canisters can be recycled and don’t need to be part of landfill waste, thanks to Jetboil's CrunchIt™ Canister Recycling Tool. Safe, fool-proof, and compliant with recycling standards, CrunchIt™ punctures Jetboil Jetpower (and other EN417) fuel canisters, rendering them recycling bin ready and headed for re-melt and reformation.

** Recycling rules vary; please check with your local municipal or county waste facility to ensure full compliance with recycling regulations in your region.*

Jetboil CrunchIt tool